

BC INDUSTRIAL SERVICES LLC 2220 EASTMAN AVE #112 VENTURA, CA 93003

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

**Product Identifier:** RUST REMOVER #3

**Product Code:** 1944

**BC INDUSTRIAL SERVICES LLC**  
2220 EASTMAN AVE #112  
VENTURA, CA 93003  
(805)650-1014

**24 Hr. Emergency Tel.#:** 800-424-9300

## SECTION 2 - HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture:

Serious Eye Damage - Category 1

Skin Irritation - Category 2

Acute Toxicity - Oral Category 5



**Signal Word:** DANGER

### Hazard Statements:

Causes serious eye damage

Causes skin irritation

May be harmful if swallowed

### Precautionary Statements:

Wear protective gloves/protective clothing/eye protection/face protection.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

**IF EYE IRRITATION PERSISTS:** Get medical advice/attention.

**IF ON SKIN:** Wash with soap and water.

**IF SKIN IRRITATION OCCURS:** Get medical advice/attention.

**IF INHALED:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Store in a closed container.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Concentration
AMMONIUM BIFLUORIDE	1341-49-7	5-10%
HYDROFLOUSILICIC ACID	16961-83-4	10-15%

## SECTION 4 - FIRST-AID MEASURES

**Inhalation:** Remove source of exposure or move person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor.

**Skin Contact:** Take off immediately all contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water with a flushing duration of 15-20 minutes. Call a POISON CENTER/doctor if you feel unwell. Wash contaminated clothing before re-use or discard.

**Eye Contact:** Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 30 minutes. Take care not to rinse contaminated water into the unaffected eye or into the face. Immediately call a POISON CENTER/doctor.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. If vomiting occurs naturally, lie on your side, in the recovery position.

**Most Important Symptoms and Effects, both Acute and Delayed:** Causes severe skin burns and eye damage, burning of the mouth, throat, and esophagus.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically

## SECTION 5 - FIRE-FIGHTING MEASURES

**Extinguishing Media:** Material is not flammable. Use extinguisher media appropriate for material in surrounding fire.

**Special hazards arising from the substance of mixture:** Emits toxic fumes under fire conditions.

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**Flammability classification (OSHA 29 CFR 1910.106) (Hazcom 2012):** Non flammable

**Hazardous Combustion Products:** Forms flammable hydrogen gas on contact with metals.

**Special protective equipment and precautions for firefighters:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

**Methods and materials for containment and cleaning up:** SMALL SPILLS (less than 1 gallon): Neutralize with soda ash or cover with dry earth, sand or other non combustible material, place into loosely covered plastic containers for later disposal. If neutralized, material can be diluted into drain. LARGE SPILL: Restrict access to area until completion of clean up. Prevent liquid from entering sewers or waterways. Stop or reduce leak if safe to do so. Dike with inert material (sand, earth, etc.). Collect into plastic containers for disposal. Ensure adequate decontamination of tools and equipment following clean up.

**Special spill response procedures:** Prevent from entering sewers, waterways, or low areas.

### SECTION 7 - HANDLING AND STORAGE

**Precautions for Safe Handling:** Use EXTREME care when diluting with water. Always add acid to water. Wear at least chemical resistant gloves and eye protection, face shield, and chemical resistant garments when handling, moving or using this product. Do not contaminate water, food, or feed by storage or disposal.

**Conditions for Safe Storage:** Keep product in tightly closed container when not in use. Do not drop, roll, or skid drum. Store in a cool, dry, well-ventilated area away from heat or open flame.

**Incompatible Materials:** Alkalis, oxidizing agents, metals, bases and organic materials.

### SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Ventilation and engineering measures:** Forced air, local exhaust, or open air is adequate.

**Respiratory Protection:** In case of confined spaces or high levels encountered in the air, wear self contained breathing apparatus.

**Skin Protection:** Wear chemical resistant gloves and chemical resistant garments when handling, wash garments before re-use.

**Eye/Face Protection:** Wear chemical goggles; also wear a face shield if splashing hazard exists.

**Other Protective Equipment:** Eye wash facility and emergency shower should be in close proximity.

**General Hygiene Conditions:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industry hygiene and safety practice.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Colorless clear liquid.

**Odor:** Odorless

**pH:** < 2

**Melting/Freezing point:** No information available.

**Initial boiling point and boiling range:** No information available.

**Flammability (solid, gas):** Non flammable.

**Relative density:** 1.12 g/mL

**Solubility in Water:** Complete

**Decomposition temperature:** No information available.

**Viscosity:** 10-25 cSt at 20°C / 68°F

### SECTION 10 - STABILITY AND REACTIVITY

**Reactivity:** Reactive with oxidizing agents, reducing agents, organic material, metals, bases and alkalis.

**Chemical Stability:** Stable under normal conditions

**Possibility of Hazardous Reactions:** Reactive with oxidizing agents, reducing agents, metals, acids and alkalis.

**Conditions to Avoid:** Incompatible materials and high temperatures

**Incompatible Materials:** Alkalis, oxidizing agents, metals, bases and organic materials.

**Hazardous Decomposition Products:** Potentially dangerous phosphorous oxides.

### SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry - inhalation: YES

Routes of entry - skin & eye: YES

Routes of entry - ingestion: YES

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Routes of entry - skin absorption: YES

Potential Health Effects:

Signs and symptoms of short term (acute) exposure:

**Inhalation:** Inhalation of the mist may produce severe irritation of respiratory tract, characterized by coughing, choking, shortness of breath, headaches, dizziness, nausea, weakness and/or drowsiness.

**Ingestion:** Corrosive! Swallowing causes severe burns of mouth, throat, and stomach. Severe scarring of tissue, corrosion, permanent tissue destruction and death may result. Symptoms may include severe pain, nausea, vomiting, diarrhea, shock, hemorrhaging and/or fall in blood pressure. Damage may appear days after exposure.

**Skin:** Corrosive! Contact with skin causes irritation or severe burns and scarring with greater exposures.

**Eye:** Corrosive! Causes irritation of eyes, and with greater exposures it can cause burns that may result in permanent impairment of vision, even blindness.

Potential Chronic Health Effects:

Mutagenicity: No known mutagenic effects.

Carcinogenicity: Not known or expected to be a carcinogen or tumorigenic.

Reproductive effects: No known hazardous effects on reproduction, fertility or to the unborn child.

Sensitization to material: May cause sensitization.

Specific target organ effects: May cause damage to the following organs: blood, liver, skin, eyes, bone marrow.

Medical conditions aggravated by overexposure: No information available.

Toxicological data: The calculated ATE values for this mixture are:

ATE oral = 2066 mg/kg (rat)

ATE dermal = No information available

ATE inhalation = No information available

## SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: May be harmful to aquatic environment.

Persistence and degradability: Not expected to persist. Readily biodegradable.

Bioaccumulation potential: Not expected to bioaccumulate.

Mobility in soil: No information available.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**Handling for disposal:** Do not contaminate water, food, or feed by storage and/or disposal. When handling refer to protective measures listed in sections 7 and 8. Empty residue from containers, rinse container well.

**Method of disposal:** Dispose of in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

**RCRA:** If product becomes a waste, it does meet the criteria of a hazardous waste as defined by the US EPA, because of: Corrosivity D002

## SECTION 14 - TRANSPORTATION INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Please note the GHS and DOT Standards are NOT identical and therefore can have varying classifications

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US 49 CFR/DOT/IATA/IMDG Information:

UN No.: 1760

UN Proper Shipping Name: Corrosive liquid, n.o.s.

Transportation hazard class(es): 8

Packing Group: III

Environmental hazards: Not a Marine Pollutant

## SECTION 15 - REGULATORY INFORMATION

US Federal Information:

TSCA information: All components are listed on the TSCA inventory.

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US CERCLA Reportable quantity (RQ): Ammonium Bifluoride has a RQ of 100 pounds of pure chemical.

SARA Title III: Acute Health Hazard

US State Right to Know Laws:

International Information:

### SECTION 16 - OTHER INFORMATION

Legend:

SARA: The Superfund Amendments and Reauthorization Act

RCRA: Resource Conservation and Recovery Act

TSCA: Toxic Substances Control Act

CFR: Code of Federal Regulations

DOT: Department of Transportation

ATE: Acute Toxicity Estimate

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